



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

In order to prevent to a large extent the access of rats to the batture in front of the bulkhead, there should be constructed curtain walls at the ends of certain wharves. It is proposed for this purpose to use thin slabs of reinforced concrete held in place by I beams, as shown in drawing 5.

The following table gives the estimated cost of rat proofing the entire water front which is served by the public wharves:

Name of dock.	Estimated cost.	Name of dock.	Estimated cost.
Pauline Street.....	\$1,718.64	Julia Street.....	\$100,663.00
Louisa Street.....	6,598.90	St. Joseph Street.....	4,774.00
Clouet Street.....	66,951.72	Erato Street.....	12,211.32
Press Street.....	200.00	Robin Street.....	105,547.23
Mandeville Street.....	6,581.66	Celeste Street.....	55,383.91
Governor Nicholls.....	330.00	St. Andrew Street.....	4,834.34
Lugger Landing.....	4,196.28	First Street.....	95,594.91
Dumaine Street.....	110,066.77	Sixth Street.....	53,139.45
Toulouse Street.....	28,545.13	Eighth-Harmony.....	75,079.86
Bienville Street.....	11,497.81		
Poydras Street.....	42,394.10	Grand total.....	817,467.27
Girod Street.....	31,188.19		

Conclusions and Recommendations.

From what has already been said it is believed that the public docks of the city of New Orleans, La., can be treated in such a manner that they will be for all practical purposes rat proof. The cost of the work will not be excessive. Almost all of the necessary changes will be of material benefit in other ways than rat proofing and will greatly enhance the value of the docks. A considerable part of the work would have to be done ultimately regardless of necessity for rat proofing.

It is recommended that the work be urged as fast as conditions will permit, and that the reconstruction be begun at those docks over which most of the foodstuff is handled.

PLAGUE-PREVENTION WORK.

CALIFORNIA.

The following report of plague-prevention work in California for the week ended January 30, 1915, has been received from Passed Asst. Surg. Hurley, of the United States Public Health Service, in charge of the work:

*San Francisco, Cal.***RAT PROOFING.**

New buildings:	
Inspections of work under construction..	278
Basements concreted (25,517 square feet).....	39
Floors concreted (18,606 square feet)....	26
Yards, passageways, etc. (21,526 square feet).....	91
Total area of concrete laid (square feet)..	67,649
Class A, B & C (fireproof) buildings:	
Inspections made	40
Roof and basement ventilators, etc., screened.....	1,855
Wire screening used (square feet).....	9,000
Openings around pipes, etc., closed with cement.....	7,531
Sidewalk lens lights replaced.....	3,400
Old buildings:	
Inspections made.....	545
Wooden floors removed.....	43
Yards and passageways, planking removed.....	18

Old buildings—Continued.

Cubic feet new foundation walls installed.....	8,764
Concrete floors installed (33,718 square feet).....	53
Basements concreted (14,450 square feet).....	27
Yards and passageways, etc., concreted (17,655 square feet).....	85
Total area concrete laid (square feet).....	70,823
Floors: rat proofed with wire cloth (10,673 square feet).....	10
Buildings razed.....	22
New garbage cans stamped approved.....	130
Nuisances abated.....	330

OPERATIONS ON THE WATERFRONT.

Vessels inspected for rat guards.....	24
Reinspections made on vessels.....	12
New rat guards procured.....	9
Defective rat guards repaired.....	1
Vessels on which cargo was inspected.....	2

	Condition.	Rat evidence.
Steamers President and Queen, from Seattle: 210 cases salmon, milk, maple sirup, household goods, etc..... 800 sacks flour, wheat, meal, hickory nuts, and potatoes. ¹	O. K.	None.

¹ Evidence of rats found in potatoes.

Rats trapped on wharves and water front.....	26
Rats trapped on vessels.....	18
Traps set on wharves and water front.....	168
Traps set on vessels.....	60
Vessels trapped on.....	11
Poisons placed on water front (pieces).....	3,600
Bait used on water front and vessels, baccon (pounds).....	6
Amount of bread used in poisoning water front (loaves).....	12
Pounds of poison used on water front.....	6

RATS COLLECTED AND EXAMINED FOR PLAGUE.

Collected.....	231
Examined.....	213
Found infected.....	0

RATS IDENTIFIED.

Mus norvegicus.....	84
Mus rattus.....	63
Mus alexandrinus.....	53
Mus musculus.....	31

Squirrels collected and examined for plague.

Contra Costa County.....	31
San Benito County.....	8
Alameda County.....	1
Total.....	40

Ranches inspected and hunted over.

Contra Costa County.....	10
San Benito County.....	3
Total.....	13

Record of plague infection.

Places in California.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number rodents found infected since May, 1907.
Cities:				
San Francisco.....	Jan. 30, 1908	Oct. 23, 1908	(1)	398 rats.
Oakland.....	Aug. 9, 1911	Dec. 1, 1908	(1)	126 rats.
Berkeley.....	Aug. 28, 1907	(1)	(1)	None.
Los Angeles.....	Aug. 11, 1908	(1)	Aug. 21, 1908	1 squirrel.
Counties:				
Alameda (exclusive of Oakland and Berkeley).....	Sept. 24, 1909	Oct. 17, 1909 ²	Aug. 7, 1914	286 squirrels, 1 wood rat.
Contra Costa.....	May 17, 1914	(1)	Oct. 23, 1914	1,565 squirrels.
Fresno.....	(1)	(1)	Oct. 27, 1911	1 squirrel.
Merced.....	(1)	(1)	July 12, 1911	5 squirrels.
Monterey.....	(1)	(1)	Apr. 10, 1914	6 squirrels.
San Benito.....	June 4, 1913	(1)	Sept. 26, 1914	36 squirrels.
San Joaquin.....	Sept. 18, 1911	(1)	Aug. 26, 1911	18 squirrels.
San Luis Obispo.....	(1)	(1)	Jan. 29, 1910	1 squirrel.
Santa Clara.....	Aug. 31, 1910	(1)	July 23, 1913	25 squirrels.
Santa Cruz.....	(1)	(1)	May 17, 1910	3 squirrels.
Stanislaus.....	(1)	(1)	June 2, 1911	13 squirrels.

¹ None.² Wood rat.

The work is being carried on in the following-named counties: Alameda, Contra Costa, San Francisco, Merced, San Joaquin, Santa Cruz, Stanislaus, San Benito, Santa Clara and San Mateo.

LOUISIANA—NEW ORLEANS.

The following report of plague-prevention work at New Orleans for the week ended February 6, 1915, has been received from Surg. Corput, of the United States Public Health Service, in charge of the work:

OUTGOING QUARANTINE.		DESTINATION AND NUMBER OF RAILROAD CARS INSPECTED FOR WEEK ENDED FEB. 6—con.	
Vessels fumigated with sulphur.....	46	Carolina, North.....	10
Vessels fumigated with carbon monoxide....	21	Carolina, South.....	4
Vessels fumigated with hydrocyanic gas.....	1	Colorado.....	15
Pounds of sulphur used.....	5,477	Florida.....	41
Coke consumed in carbon-monoxide fumigation (pounds).....	40,500	Georgia.....	32
Pounds of potassium cyanide used in hydrocyanic-gas fumigation.....	102½	Idaho.....	1
Pounds of sodium carbonate used in hydrocyanic-gas fumigation.....	120	Illinois.....	185
Pounds of sulphuric acid used in hydrocyanic-gas fumigation.....	104	Indiana.....	27
Clean bills of health issued.....	33	Iowa.....	5
Foul bills of health issued.....	8	Kentucky.....	11
		Louisiana.....	963
		Massachusetts.....	2
		Michigan.....	9
		Mississippi.....	327
		Missouri.....	69
		Nebraska.....	3
		New Mexico.....	5
		New York.....	17
		Ohio.....	42
		Oklahoma.....	4
		Oregon.....	8
		Tennessee.....	122
		Texas.....	162
		Virginia.....	8
		West Virginia.....	2
		Washington.....	11
		Wisconsin.....	8
		Canada.....	7
OVERLAND FREIGHT INSPECTION.		DESTINATION AND NUMBER OF RAILROAD CARS INSPECTED FOR WEEK ENDED FEB. 6.	
Cars inspected, found in good order; permitted to load.....	2,473	Alabama.....	63
Cars ordered repaired before loading.....	1,207	Arizona.....	4
Total cars inspected.....	3,680	Arkansas.....	15
		California.....	17

FIELD OPERATIONS.		BUILDINGS RAT PROOFED—continued.	
Rats trapped.....	7,697	Number of abatements.....	182
Premises inspected.....	10,309	Number of abatements to date.....	18,790
Notices served.....	1,665	LABORATORY OPERATIONS.	
BUILDINGS RAT PROOFED.		Rodents examined.....	4,098
By elevation.....	190	Mus norvegicus.....	1,829
By marginal concrete wall.....	191	Mus rattus.....	143
By concrete floor and wall.....	288	Mus alexandrinus.....	223
By minor repairs.....	316	Mus musculus.....	3,955
Square yards of concrete laid.....	10,685	Unclassified.....	1,466
Total buildings rat proofed.....	985	Putrid.....	121
Total buildings rat proofed to date.....	20,271	Total rodents received at laboratory.....	7,616
		Number of suspicious rats.....	18
		Plague rats confirmed.....	1

Rodent cases.

Case No.	Address.	Captured.	Diagnosis confirmed.	Treatment of premises.
228	Stuyvesant docks, wharf 7.....	Jan. 27	Feb. 5	Intensive trapping.

Total number of rodents captured to Feb. 6.....	257,141
Total number of rodents examined to Feb. 6.....	204,629

Total cases of rodent plague to Feb. 6, by species:

Mus musculus.....	4
Mus rattus.....	15
Mus alexandrinus.....	8
Mus norvegicus.....	201
Total rodent cases to Feb. 6.....	228

WASHINGTON—SEATTLE.

The following reports of plague-prevention work at Seattle have been received from Surg. Lloyd, of the United States Public Health Service, in charge of the work:

WEEK ENDED JAN. 23, 1915.

RAT PROOFING.		WATER FRONT—continued.	
New buildings inspected.....	53	New rat guards installed.....	18
Basements concreted, new buildings (15,438 square feet).....	16	Defective rat guards repaired.....	10
Floors concreted, new buildings (40,280 square feet).....	18	Fumigation certificates issued.....	1
Yards, etc., concreted, new structures (2,240 square feet).....	6	Canal Zone certificates issued.....	3
Sidewalks concreted (square feet).....	11,581	Port sanitary statements issued.....	49
Total concrete laid, new structures (square feet).....	69,539	LABORATORY AND RODENT OPERATIONS.	
New buildings elevated.....	5	Dead rodents received.....	26
New premises rat proofed, concrete.....	34	Rodents trapped and killed.....	384
Old buildings inspected.....	4	Rodents recovered after fumigation.....	3
Old buildings rat proofed, concrete.....	1	Total.....	413
Old premises rat proofed, otherwise.....	1	Rodents examined for plague infection.....	326
Openings screened, old buildings.....	45	Rodents proven plague infected.....	0
Doors rat proofed.....	2	Blocks poisoned.....	14
Wire screening used (square feet).....	5,280	Poison distributed, pounds.....	36
Buildings razed.....	4	CLASSIFICATION OF RODENTS.	
WATER FRONT.		Mus rattus.....	3
Vessels inspected and histories recorded.....	12	Mus alexandrinus.....	61
Vessels fumigated.....	1	Mus norvegicus.....	288
Sulphur used, pounds.....	750	Mus musculus.....	58
		Unclassified.....	3

The usual day and night patrol was maintained to enforce rat guarding and fending.

Rodents examined in Bellingham.

Mus norvegicus trapped.....	22
Mus norvegicus found dead.....	1
Total.....	23
Rodents examined for plague infection.....	23
Rodents proven plague infected.....	0

WEEK ENDED JAN. 30, 1915.

RAT PROOFING.		WATER FRONT.	
New buildings inspected.....	64	Vessels inspected and histories recorded....	9
Basements concreted, new buildings (24,704 square feet).....	19	Vessels fumigated.....	2
Floors concreted, new buildings (45,930 square feet).....	21	Sulphur used, pounds.....	750
Yards, etc., concreted, new structures (12,630 square feet).....	11	New rat guards installed.....	27
Sidewalks concreted, (67,410 square feet)....		Defective rat guards repaired.....	10
Total concrete laid, new structures (150,774 square feet).....		Fumigation certificates issued.....	1
New buildings elevated.....	14	Canal zone certificates issued.....	3
New premises rat proofed, concrete.....	42	Port sanitary statements issued.....	43
Old buildings inspected.....	5	LABORATORY AND RODENT OPERATIONS.	
Old buildings rat proofed.....	1	Dead rodents received.....	20
Floors rat proofed, old buildings (8,750 square feet).....	3	Rodents trapped and killed.....	403
Premises otherwise rat proofed, old buildings.	4	Rodents recovered after fumigation.....	20
Openings screened, old buildings.....	78	Total.....	443
Wooden floors removed, old buildings.....	2	Rodents examined for plague infection.....	347
Wire screening used (5,000 square feet).....		Rodents proven plague infected.....	0
Buildings razed.....	3	Poison distributed, pounds.....	15
		CLASSIFICATION OF RODENTS.	
		Mus rattus.....	8
		Mus alexandrinus.....	101
		Mus norvegicus.....	266
		Mus musculus.....	68
		Other species.....	21

The usual day and night patrol was maintained to enforce rat guarding and fending.

Rodents examined in Bellingham.

Mus norvegicus trapped.....	17
Mus norvegicus found dead.....	2
Mus alexandrinus trapped.....	5
Mus rattus trapped.....	3
Mus musculus trapped.....	3
Total.....	30
Rodents examined for plague infection.....	34
Rodents found plague infected.....	0